IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Frederick William Strahm et al.	Art Unit:	2154
Serial No.:	09/811,161	Examiner:	Ashokkumar B. Patel
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Title:	PLURAL NETWORK COMMUNICATION CONNECTIONS (AS AMENDED)		

Mail Stop Appeal Brief - Patents
Commissioner for Patents
P.O. Box 1450
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REPLY TO NOTICE OF NON-COMPLIANT BRIEF DATED OCTOBER 7, 2008

In reply to the notice of non-compliant brief dated October 7, 2008, the following supplemental brief is submitted. The following should replace the defective section (5) in the previously filed brief.

(5) Summary of Claimed Subject Matter

Claim 1

Claim Language	Support in Specification and/or FIGS.
A method comprising:	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 10.
at a device, opening a first connection to a server;	
establishing an information exchange protocol for communicating on the first connection;	*See, e.g.,* page 4, line10 – page 5, line 23; page 7, line 21 – page 8, line 10.
at a device, opening a second connection to the server;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1 Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23.
selecting, from connections including the second connection, at least one connection to be an active connection and other connections as passive connections;	*See, e.g.,* page 6, lines 1 – page 7, line 20.

communicating information via the active connection using an information exchange protocol based on a type of the active connection; and	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23; page 9, lines 1-9; page 11, line 11 – page 12, line 6; page 14, lines 1-23; page 19, line 6; FIG. 3, Nos. 312, 320; and FIG. 5, No. 110, 160.
monitoring a predetermined set of parameters corresponding to one or more characteristics of the active and passive connections to determine whether to open one or more additional connections; close one or more of the opened connections; and change the selected active connection as a passive connection and select one or more of the passive connections as the active connection.	*See, e.g.,* page 9, line 10 – page 19, line 16; FIG. 3, No. 340.

Claim 7

Claim Language	Support in Specification and/or FIGS.
A method comprising: at a device, opening a first connection to a server;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 10.
establishing an information exchange protocol for communicating on the first connection based on a type of the first connection;	*See, e.g.,* page 4, line10 – page 5, line 23; page 7, line 21 – page 8, line 10.

at a device, opening a second connection to the server;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1 Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23.
selecting from the opened connections including the second connection, one or more connections to be an active connection;	*See, e.g.,* page 6, lines 1 – page 7, line 20.
communicating information configured for an information exchange protocol , corresponding to a type of the active connection; and	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23; page 9, lines 1-9; page 11, line 11 – page 12, line 6; page 14, lines 1-23; page 19, line 6; FIG. 3, Nos. 312, 320; and FIG. 5, No. 110, 160.
monitoring the opened connections for one or more parameters selected from a group consisting of transmittal rate, latency, and cost of transmittal; and	*See, e.g.,* page 9, line 10 – page 19, line 16; FIG. 3, No. 340.
based on the monitored one or more parameters, determining whether to open one or more additional connections; reselect the active connection to optimize the monitored one or more parameters; and close one or more additional connections.	*See, e.g.,* page 9, line 10 – page 19, line 16; FIG. 3, No. 340.

Claim 11

Claim Language	Support in Specification and/or FIGS.
A method comprising: at a device, opening a first connection to a server;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 10.
establishing an information exchange protocol for communicating on the first connection based on a type of the first connection;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23; page 9, lines 1-9; page 11, line 11 – page 12, line 6; page 14, lines 1-23; page 19, line 6; FIG. 3, Nos. 312, 320; and FIG. 5, No. 110, 160.
at the device, opening a second connection to the server;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23.
selecting, from the opened connections including the second connection, one or more connections to be an active connection;	*See, e.g.,* page 6, lines 1 – page 7, line 20.
communicating information configured for the information exchange protocol, that was established for the first connection, using the active connection, the information comprising a command that causes the server to contact a remote system, receive a reply from the remote system, and effect a response without transmitting the reply to the device; and	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23; page 9, lines 1-9; page 11, line 11 – page 12, line 6; page 14, lines 1-23; page 19, line 6; FIG. 3, Nos. 312, 320; and FIG. 5, No. 110, 160.

monitoring a predetermined set of parameters corresponding to one or more characteristics of the opened connections to determine whether to open one or more additional connections; close one or more of the opened connections; and change the selected active connection as a passive connection and select one or more of the passive connections as the active connection.	*See, e.g.,* page 9, line 10 – page 19, line 16; FIG. 3, No. 340.

Claim 19

Claim Language	Support in Specification and/or FIGS.
An apparatus comprising a processor and software configured to cause the processor to: open a first connection to a server;	*See, e.g.,* page 10, line 17 – page 11, line 10; FIG. 4, No. 110; page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 110, 114, 116, 118, 120; page 7, line 21 – page 8, line 10.
establish an information exchange protocol;	*See, e.g.,* page 4, line10 – page 5, line 23; page 7, line 21 – page 8, line 10.
open a second connection to a server;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23.
select from connections including the second connection, one or more connections to be an active connection;	*See, e.g.,* page 6, lines 1 – page 7, line 20.

communicate information via the active connection using the information exchange protocol established for the first connection; and	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23; page 9, lines 1-9; page 11, line 11 – page 12, line 6; page 14, lines 1-23; page 19, line 6; FIG. 3, Nos. 312, 320; and FIG. 5, No. 110.
monitor a predetermined set of parameters corresponding to one or more characteristics of the opened connections to determine whether to open one or more additional connections; close one or more of the opened connections; and change the selected active connection as a passive connection and select one or more of the passive connections as the active connection.	*See, e.g.,* page 9, line 10 – page 19, line 16; FIG. 3, No. 340.

Claim 23

Claim Language	Support in Specification and/or FIGS.
An article comprising a machine-readable medium that stores machine-executable instructions, the instructions causing a machine to: open a first connection to a server;	*See, e.g., See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1; page 7, line 21 – page 8, line 10; page 22, line19 – page 23, line 21.
establish an information exchange protocol;	*See, e.g.,* page 4, line10 – page 5, line 23; page 7, line 21 – page 8, line 10.

open a second connection to a server;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1; page 7, line 21 – page 8, line 23.
select from connections including the second connection, one or more connections to be an active connection;	*See, e.g.,* page 6, lines 1 – page 7, line 20; FIGS. 2 and 3.
communicate information via the active connection using the information exchange protocol established for the first connection; and	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23; page 9, lines 1-9; page 11, line 11 – page 12, line 6; page 14, lines 1-23; page 19, line 6; FIG. 3, Nos. 312, 320; and FIG. 5, No. 110, 160.
monitor a predetermined set of parameters corresponding to one or more characteristics of the opened connections to determine whether to open one or more additional connections; close one or more of the opened connections; and change the selected active connection as a passive connection and select one or more of the passive connections as the active connection.	*See, e.g.,* page 9, line 10 – page 19, line 16; FIG. 3, No. 340.

Claim 28

Claim Language	Support in Specification and/or FIGS.
A system comprising: a device, a server, and communication links, in which the device is configured to:	*See, e.g., See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 110, 114, 116, 118, 120; page 7, line 21 – page 8, line 10; page 22, line19 – page 23, line 21; page 10, line 17 – page 11, line 10; FIG. 4, No. 110.
open a first connection to the server using one of the communication links;	
establish an information exchange protocol;	*See, e.g.,* page 4, line10 – page 5, line 23; page 7, line 21 – page 8, line 10.
open a second connection to the server using another of the communication links;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23.
select from the opened connections including the second connection, one or more connections to be an active connection;	*See, e.g.,* page 6, lines 1 – page 7, line 20.
communicate information via the active connection using the information exchange protocol established for the first connection; and	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1, Nos. 114, 116, 118, 120; page 7, line 21 – page 8, line 23; page 9, lines 1-9; page 11, line 11 – page 12, line 6; page 14, lines 1-23; page 19, line 6; FIGS. 3 and 5.

monitor a predetermined set of parameters corresponding to one or more characteristics of the opened connections to determine whether to open one or more additional connections; close one or more of the opened connections; and change the selected active connection as a passive connection and select one or more of the passive connections as the active connection.	*See, e.g.,* page 9, line 10 – page 19, line 16; FIG. 3.

Claim 45

Claim Language	Support in Specification and/or FIGS.
A method comprising: at a device, opening a first connection to a server;	*See, e.g., See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1; page 7, line 21 – page 8, line 10.
establishing an information exchange protocol for communicating on the first connection;	*See, e.g.,* page 4, line10 – page 5, line 23; page 7, line 21 – page 8, line 10.
at a device, opening a second connection to the server;	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1; page 7, line 21 – page 8, line 23.
selecting, from connections including the second connection, one or more connections to be an active connection and another connection to be a passive connection;	*See, e.g.,* page 6, lines 1 – page 7, line 20; FIGS. 2 and 3.

communicating information using the active connection, wherein the same network, security, and compression protocols and parameters are used for information exchange as for the first connection, while maintaining the passive connection; and	*See, e.g.,* page 2, lines 9-18; page 3, line 3 – page 4, line 9; FIG. 1; page 7, line 21 – page 8, line 23; page 9, lines 1-9; page 11, line 11 – page 12, line 6; page 14, lines 1-23; page 19, line 6; FIG. 3, Nos. 312, 320; and FIG. 5, No. 110, 160.
monitoring a predetermined set of parameters corresponding to one or more characteristics of the opened connections to determine whether to open one or more additional connections; close one or more of the opened connections; and change the selected active connection as a passive connection and select one or more of the passive connections as the active connection.	*See, e.g.,* page 9, line 10 – page 19, line 16; FIG. 3, No. 340.

No fees are believed due. Please apply any other charges or credits to deposit account 06-1050.

Respectfully submitted,

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